EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3060	(166/277,381,384,207,332.1,334.1, 237,240).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 08:50
L2	6	1 and obturat$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 08:54
L3	126	(166/334.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 10:22
L4	1006	(166/373,386).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 10:22
L5	471	4 and ((sliding moving movalbe movealbe) near4 (sleeve tubing tubular mandrel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 10:22
L6	66	5 and (expand$4 near4 (pressure fluid hydraulic$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 10:32
L7	405	5 not 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 10:32
S1	3	("5392862"|"6161632"|"6279657"). PN.	USPAT	OR	ON	2007/04/12 13:08

EAST Search History

S2	3060	(166/277,381,384,207,332.1,334.1, 237,240).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 13:12
S3	134	S2 and (control near4 (sub mandrel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 13:13
S4	79	S3 and ((sliding moving movalbe movealbe) near4 (sleeve tubing tubular mandrel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 10:22
S5	55	S4 and expand$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 13:25
S6	24	S4 not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 13:21
S7	55	S3 not S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 13:21
S8	807	S2 and ((sliding moving movalbe movealbe) near4 (sleeve tubing tubular mandrel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 16:04
S9	533	S8 and expand$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 13:25

S10	249	S9 and (expand$4 near4 (pressure fluid hydraulic$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 10:23
S11	621	S2 and (expand$4 near4 (pressure fluid hydraulic$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 16:03
S12	372	S11 not S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 16:20
S13	146	("0761518" | "1324303" | "1545039" | "1561418" | "1569729" | "1597212" | "1930825" | "20020163192" | "20030111234" | "20030150608" | "20030168222" | "20030230410" | "20040020660" | "20040159446" | "20040177953" | "20050045342" | "2383214" | "2499630" | "2627891" | "2663073" | "2858099" | "2898971" | "2951536" | "3007669" | "3035641" | "3087546" | "3195646" | "3467180" | "3545543" | "3749119" | "3796261" | "3818734" | "3856085" | "3860069" | "3901333" | "3907046" | "3911707" | "4069573" | "4127168" | "4159564" | "4246964" | "4288082" | "4296808" | "4324407" | "4429620" | "4531581" | "4566535" | "4567944" | "4569396" | "4588030" | "4633952" | "4648448" | "4657082" | "4697640" | "4768590" | "4823882" | "4848469" | "4856583" | "5271472" | "5275241" | "5409059" | "5435400" | "5472057" | "5560426" | "5685369" | "5901787" | "6021850" | "6098717" | "6325148" | "6425444" | "6446323" | "6457532" | "6457533" | "6527049" | "6543816" | "6629568" | "6702029").PN. OR ("2004/0045720" | "3519075" | "4047564" | "4962815" | "6279657" | "7086477").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 14:03

EAST Search History

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S15	2	("7086477").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 15:57
S16	1	2004-225940.NRAN.	DERWENT	OR	ON	2007/04/12 15:57

EAST Search History

S17	71	("0761518" | "1324303" | "1545039" | "1561418" | "1569729" | "1597212" | "1930825" | "20020163192" | "20030111234" | "20030150608" | "20030168222" | "20030230410" | "20040020660" | "20040159446" | "20040177953" | "20050045342" | "2383214" | "2499630" | "2627891" | "2663073" | "2898971" | "3087546" | "3195646" | "3467180" | "3545543" | "3818734" | "3911707" | "4069573" | "4127168" | "4159564" | "4288082" | "4324407" | "4429620" | "4531581" | "4588030" | "4697640" | "4848469" | "5271472" | "5409059" | "5435400" | "5472057" | "5560426" | "5685369" | "5901787" | "6021850" | "6098717" | "6325148" | "6425444" | "6446323" | "6457532" | "6457533" | "6527049" | "6543816" | "6629568" | "6702029").PN. OR ("7086477"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 15:57
S18	55	("0761518" | "1324303" | "1545039" | "1561418" | "1569729" | "1597212" | "1930825" | "20020163192" | "20030111234" | "20030150608" | "20030168222" | "20030230410" | "20040020660" | "20040159446" | "20040177953" | "20050045342" | "2383214" | "2499630" | "2627891" | "2663073" | "2898971" | "3087546" | "3195646" | "3467180" | "3545543" | "3818734" | "3911707" | "4069573" | "4127168" | "4159564" | "4288082" | "4324407" | "4429620" | "4531581" | "4588030" | "4697640" | "4848469" | "5271472" | "5409059" | "5435400" | "5472057" | "5560426" | "5685369" | "5901787" | "6021850" | "6098717" | "6325148" | "6425444" | "6446323" | "6457532" | "6457533" | "6527049" | "6543816" | "6629568" | "6702029").PN. OR ("7086477"). URPN.	US-PGPUB; USPAT	OR	ON	2007/04/12 15:57

S19	108696	(expand$4 near4 (pressure fluid hydraulic$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 16:03
S20	3435	S19 and ((sliding moving movalbe movealbe) near4 (sleeve tubing tubular mandrel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 16:05
S21	1194	S20 and (wellbore downhole borehole (well near3 (oil gas hydrocarbon bore head)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 16:04
S22	90	S21 and (((sliding moving movalbe movealbe) near4 (sleeve tubing tubular mandrel)) with (weight compressi$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 16:16
S23	6	("2272923").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 16:16
S24	210	Metcalfe.in. and expand$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 16:42
S25	2	GB-2329918-$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 16:23
S26	8	(("4637471") or ("4315542") or ("3907046")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 16:43

EAST Search History

S27	0	GB-545271-$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 16:43
S28	2	("0545271").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 16:53
S29	4	(("6220357") or ("6152228") or ("6102060") or ("6253861")).PN.	USPAT	OR	OFF	2007/04/12 16:53
S30	11	("1360053" | "3364996" | "3907046" | "4300636" | "4315542" | "4637471" | "4991653" | "5082062").PN. OR ("6152228"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 08:03